

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL021422\  
 Data File : VL038347.D  
 Acq On : 14 Feb 2022 19:26  
 Operator : SY/AP  
 Sample : N1442-02 40X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA1DL

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/15/2022  
 Supervised By : Mahesh Dadoda 02/18/2022

Quant Time: Feb 15 00:41:47 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL012422AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Mon Jan 24 2022

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Bromochloromethane       | 5.645  | 49    | 765530   | 10.000   | ppbv       | -0.03    |
| 33) 1,4-Difluorobenzene     | 7.147  | 114   | 1979487  | 10.000   | ppbv       | -0.03    |
| 55) Chlorobenzene-d5        | 12.057 | 117   | 1664913  | 10.000   | ppbv       | #-0.03   |
| System Monitoring Compounds |        |       |          |          |            |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.384 | 95    | 1335195  | 10.566   | ppbv       | -0.03    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | = 105.700% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          |            | Qvalue   |
| 3) Chlorodifluoromethane    | 2.980  | 51    | 459707   | 3.016    | ppbv       | 98       |
| 9) Propene                  | 3.015  | 41    | 9641m    | 0.194    | ppbv       |          |
| 13) Ethanol                 | 3.610  | 45    | 59272    | 11.129   | ppbv       | 92       |
| 15) Acetone                 | 3.857  | 43    | 37654m   | 0.558    | ppbv       |          |
| 19) Isopropyl Alcohol       | 3.967  | 45    | 47755m   | 1.131    | ppbv       |          |
| 20) Methylene Chloride      | 4.324  | 84    | 9892m    | 0.252    | ppbv       |          |
| 25) Ethyl Acetate           | 5.677  | 43    | 24112m   | 0.128    | ppbv       |          |
| 52) Tetrachloroethene       | 11.192 | 164   | 11137m   | 0.185    | ppbv       |          |
| -----                       |        |       |          |          |            |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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